

## EAST Search History

| Ref # | Hits  | Search Query   | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|-------|--|---|------------------|---------|------------------|
| S1    | 3     | youn near nam.in.  | US-PGPUB;<br>USPAT  | OR               | ON      | 2006/07/31 16:04 |
| S2    | 468   | young near cho.in.   | US-PGPUB;<br>USPAT  | OR               | ON      | 2006/07/31 15:45 |
| S3    | 5     | young near hoon near cho.in.   | US-PGPUB;<br>USPAT  | OR               | ON      | 2006/07/31 15:46 |
| S4    | 7540  | "lg electronics".as.   | US-PGPUB;<br>USPAT  | OR               | ON      | 2006/07/31 15:47 |
| S5    | 7     | S4 and ((software or firmware or program or driver) and version\$4 and server and appliance) | US-PGPUB;<br>USPAT  | OR               | ON      | 2006/07/31 15:47 |
| S6    | 330   | 717/173.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/07/31 16:05 |
| S7    | 11056 | home adj (appliance or device)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/08/01 07:56 |
| S8    | 80607 | (software or firmware or program or driver) with (updat\$4 or upgrad\$4)                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/08/01 07:57 |
| S9    | 626   | S7 and S8  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/08/01 07:57 |
| S10   | 155   | S9 and (home adj network)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/08/01 07:57 |
| S11   | 117   | S10 and (@pd<"20021021" or @ad<"20021021" or @prad<"20021021" or @rlad<"20021021")           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/08/01 09:27 |

## EAST Search History

|     |     |  |   |    |    |                  |
|-----|-----|--|---|----|----|------------------|
| S12 | 83  | S10 and version\$4   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/01 12:03 |
| S13 | 70  | S12 and (@pd<"20021021" or<br>@ad<"20021021" or<br>@prad<"20021021" or<br>@rlad<"20021021")  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/01 09:28 |
| S14 | 21  | ("20010010516"   "20010053963"  <br>"20020095269"   "20020180581"  <br>"20020189267"   "20040016242"  <br>"20040049771"   "20040083471"  <br>"20040088697"   "5904074"  <br>"6370890"   "6393848"   "6397606"<br>  "6397607"   "6405244"  <br>"6453687"   "6502411"   "6604235"<br>  "6607314"   "6668240"  <br>"6675591").PN. | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON | 2006/08/01 09:55 |
| S15 | 10  | ("6199137" "5973684" "5951639"<br>"5930515" "5666293").pn.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/01 10:08 |
| S16 | 253 | (home adj gateway) and ("set top<br>box" or "set-top box" or stb)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/01 10:08 |
| S17 | 66  | S16 and S8   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/01 10:09 |
| S18 | 3   | S17 and S12  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/01 10:09 |
| S19 | 132 | ("5666293").URPN.  | USPAT   | OR | ON | 2006/08/01 10:15 |

## EAST Search History

|     |     |   |   |    |    |                  |
|-----|-----|---|---|----|----|------------------|
| S20 | 14  | ("6199137" "5973684" "591639" "5930515" "566293").pn.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/01 11:08 |
| S21 | 331 | 725/132,140,152.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/01 11:33 |
| S22 | 47  | ("20020116706"   "3789131"  <br>"4247106"   "4430669"   "4475123"<br>  "4494142"   "4706121"  <br>"4742543"   "4787085"   "4829569"<br>  "4866770"   "4908834"  <br>"4912760"   "4977455"   "5003591"<br>  "5091936"   "5093921"  <br>"5151789"   "5169250"   "5347632"<br>  "5353121"   "5420866"  <br>"5428789"   "5440632"   "5442771"<br>  "5479266"   "5479268"  <br>"5619250"   "5625693"   "5666293"<br>  "5734589"   "5771064"  <br>"5835864"   "5951639"   "5978855"<br>  "6141683"   "6148081"  <br>"6202207"   "6266810"   "6343379"<br>  "6353885"   "6393585"  <br>"6427238"   "6469742"   "6487723"<br>  "6718374"   "6813778").PN. | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON | 2006/08/01 11:53 |
| S23 | 77  | S12 and server and internet   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/01 12:03 |
| S24 | 64  | S23 and (@pd<"20021021" or<br>@ad<"20021021" or<br>@prad<"20021021" or<br>@rlad<"20021021")   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/01 12:55 |
| S25 | 9   | S10 and (broadcast\$4 adj station)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/01 12:55 |

## EAST Search History

|     |        |   |   |    |    |                  |
|-----|--------|---|---|----|----|------------------|
| S26 | 167    | S9 and (home adj (network or server))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/01 12:55 |
| S27 | 91     | S26 and version\$4  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/01 12:55 |
| S28 | 77     | S27 and (@pd<"20021021" or @ad<"20021021" or @prad<"20021021" or @rlad<"20021021")  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/01 15:04 |
| S29 | 2      | "20020120885".pn.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/01 13:09 |
| S30 | 13     | ("4739398"   "4788637"   "5666293"   "6018645"   "6031830"   "6331876"   "6343379"   "6425125"   "6470496"   "6473858"   "6532591"   "6754894"   "6820259").PN. | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON | 2006/08/01 13:13 |
| S31 | 463120 | (electronic or communicat\$4 or comput\$4 or home) adj (appliance or device)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/01 15:02 |
| S32 | 12647  | home adj (server or network or gateway)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/01 15:02 |
| S33 | 4913   | S31 and S32   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/01 15:02 |

## EAST Search History

|     |     |  |   |    |    |                  |
|-----|-----|--|---|----|----|------------------|
| S34 | 901 | S33 and S8   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/01 15:03 |
| S35 | 518 | S34 and version\$4   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/01 15:03 |
| S36 | 298 | S35 and broadcast\$4   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/01 15:03 |
| S37 | 287 | S36 and internet   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/01 15:03 |
| S38 | 137 | S37 and ("set top box" or "set-top box" or "settop box" or stb)                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/01 15:04 |
| S39 | 104 | S38 and (@pd<"20021021" or @ad<"20021021" or @prad<"20021021" or @rlad<"20021021") | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/01 15:04 |

## EAST Search History

|     |    |   |   |    |    |                  |
|-----|----|---|---|----|----|------------------|
| S40 | 80 | ("6218931" "6218931" "5956487"<br>"6029092" "6249868" "4933535"<br>"5236199" "5388211" "5497479"<br>"5613089" "5649187" "5818428"<br>"5877957" "5982363" "5986690"<br>"6005476" "6108696" "6112127"<br>"6137805" "6157958" "6161133"<br>"6199136" "6226741" "6226741"<br>"6253193" "6282082" "6310634"<br>"6317028" "6363488" "6385495"<br>"6389402" "6427140" "6434447"<br>"6640141" "6842650" "7027878"<br>"5436853" "5486725" "5570085"<br>"5592032" "5734206" "5786996"<br>"5842032" "5938757" "6169789"<br>"6199077" "6222837" "6222837"<br>"6275922" "6278453").pn. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/02 07:17 |
| S41 | 9  | ("5003591"   "5367571"  <br>"5635979"   "5666293"   "5687331"<br>  "5729549"   "5734589"  <br>"5951639"   "6061449").PN.  | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON | 2006/08/02 09:06 |